

MALDIVES NATIONAL UNIVERSITY THINADHOO CAMPUS CLASS ROOM BLOCK
FIRE FIGHTING SYSTEM DRAWINGS

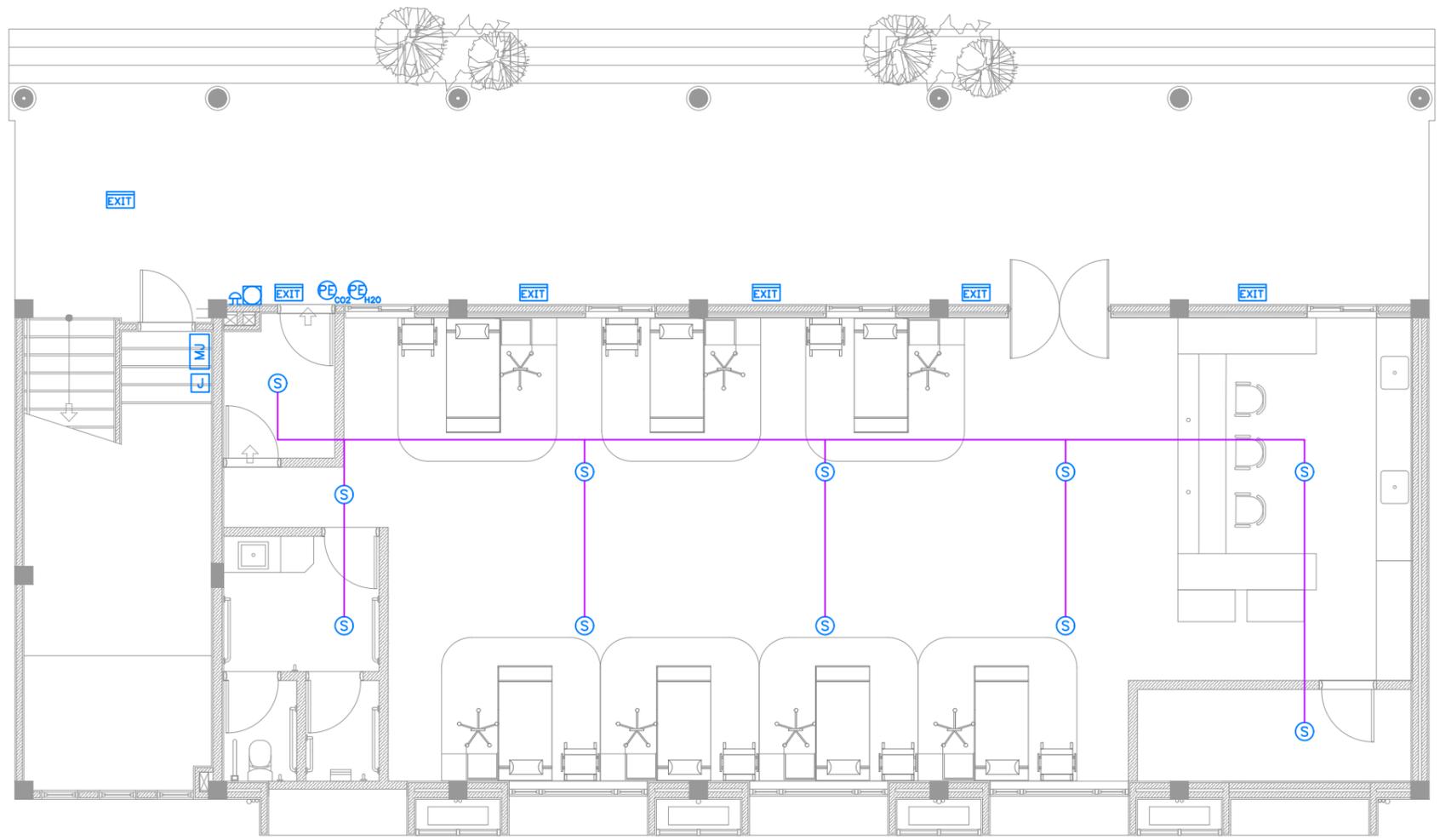
PROJECT: CONSULTANCY SERVICES FOR PREPARATION OF DRAWINGS AND BILL
OF QUANTITIES FOR THE PROPOSED CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

PREPARED BY:



Charter Engineering Company Private Limited
Second floor, M.Biminee, Male, Maldives
Email: charter.engr@gmail.com, Mob: +(960) 782-9969



1 GROUND FLOOR FIRE FIGHTING SYSTEM LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

LEGEND

SYMBOL	DESCRIPTION
HR (15m)	HOSE REEL (15m LENGTH)
HR (30m)	HOSE REEL (30m LENGTH)
□	RESETABLE BREAK GLASS MANUAL CALL POINT
S	SMOKE DETECTOR
H	HEAT DETECTOR
H	FIRE ALARM BELL
J	JUNCTION BOX
PE _{H2O}	PORTABLE EXTINGUISHER (H2O)
PE _{CO2}	PORTABLE EXTINGUISHER (CO2)
DR	DRY RISER
WR	WET RISER
MJ	CONVENTIONAL FIRE ALARM PANEL
☒	FIRE BLANKET
☒	INLET VALVE, BOX, WIRED GLASS, LABELING ETC
EM	EMERGENCY LIGHT WITH 2H BACKUP GEAR WALL MOUNT WEATHER PROOF
—	FIRE RESISTANT CABLE

NOTE

*ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUIT.
 *ALL PORTABLE FIRE EXTINGUISHERS SHALL BE ENCLOSED IN A LOCKABLE CABINET.



GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE



PHASE:

- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- DESIGN APPROVAL
- CONSTRUCTION DOCUMENTATION
- AS-BUILT DRAWINGS

PROJECT:
 ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY
LOCATION: GDH.THINADHOO

DISCIPLINE: FIRE FIGHTING SYSTEM

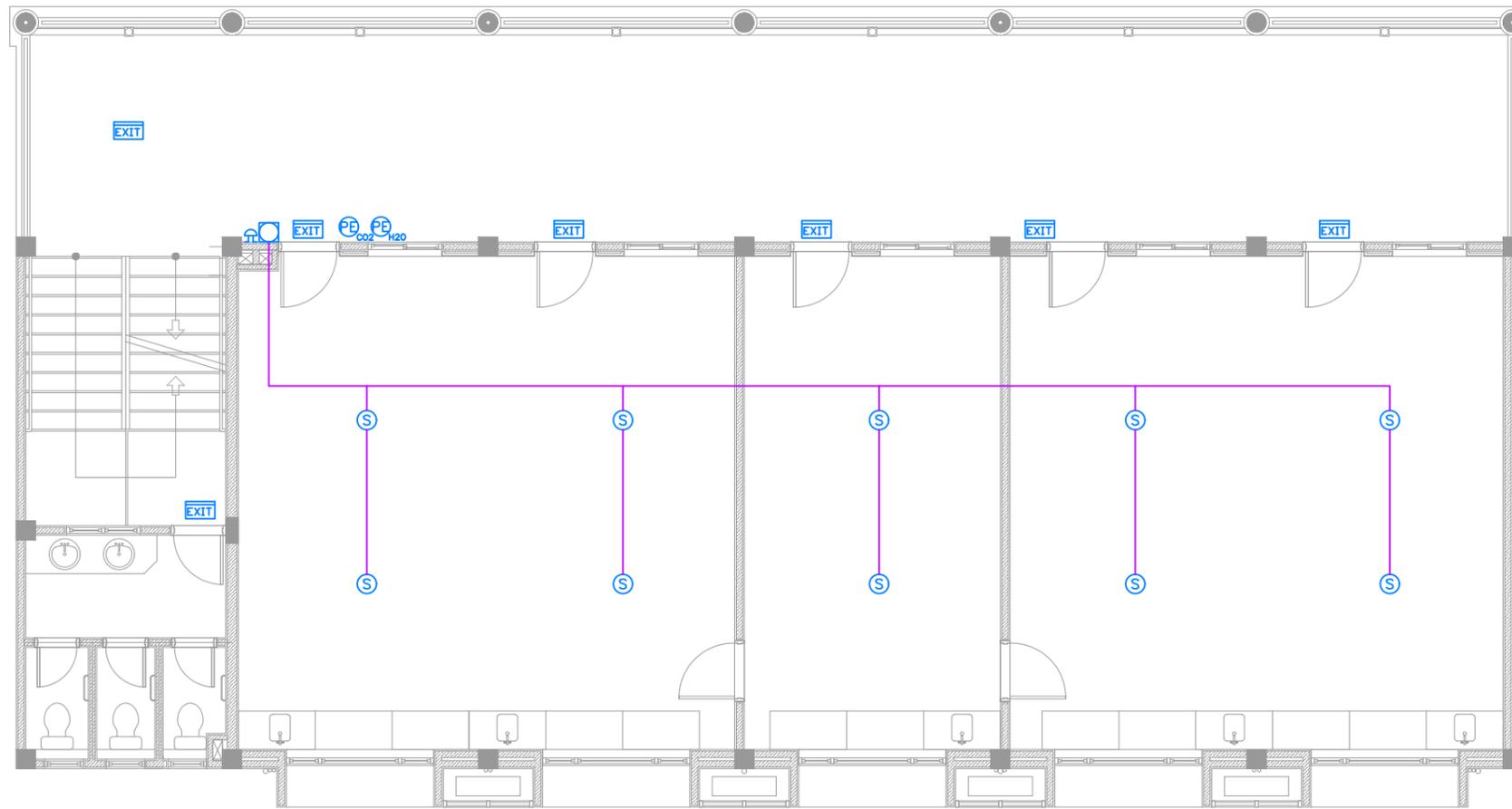
DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE: Jan 21 **SCALE:** 1:100 **SHEET SIZE:** A3

DRAWING NO.: F-1.01 **REV.:** 0.00



1 FIRST FLOOR FIRE FIGHTING SYSTEM LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

LEGEND

SYMBOL	DESCRIPTION
	HOSE REEL (15m LENGTH)
	HOSE REEL (30m LENGTH)
	RESETABLE BREAK GLASS MANUAL CALL POINT
	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM BELL
	JUNCTION BOX
	PORTABLE EXTINGUISHER (H2O)
	PORTABLE EXTINGUISHER (CO2)
	DRY RISER
	WET RISER
	CONVENTIONAL FIRE ALARM PANEL
	FIRE BLANKET
	INLET VALVE, BOX, WIRED GLASS, LABELING ETC
	EMERGENCY LIGHT WITH 2H BACKUP GEAR WALL MOUNT WEATHER PROOF
	FIRE RESISTANT CABLE

NOTE

*ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUIT.
 *ALL PORTABLE FIRE EXTINGUISHERS SHALL BE ENCLOSED IN A LOCKABLE CABINET.

GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE



Charter Engineering Company Private Limited
 Second floor, M.Biminee, Male', Maldives
 Email: charter.enrg@gmail.com, Mob: +(960) 782-9969

PHASE:

- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- DESIGN APPROVAL
- CONSTRUCTION DOCUMENTATION
- AS-BUILT DRAWINGS

PROJECT:

ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: FIRE FIGHTING SYSTEM

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE: Jan 21

SCALE: 1:100 SHEET SIZE: A3

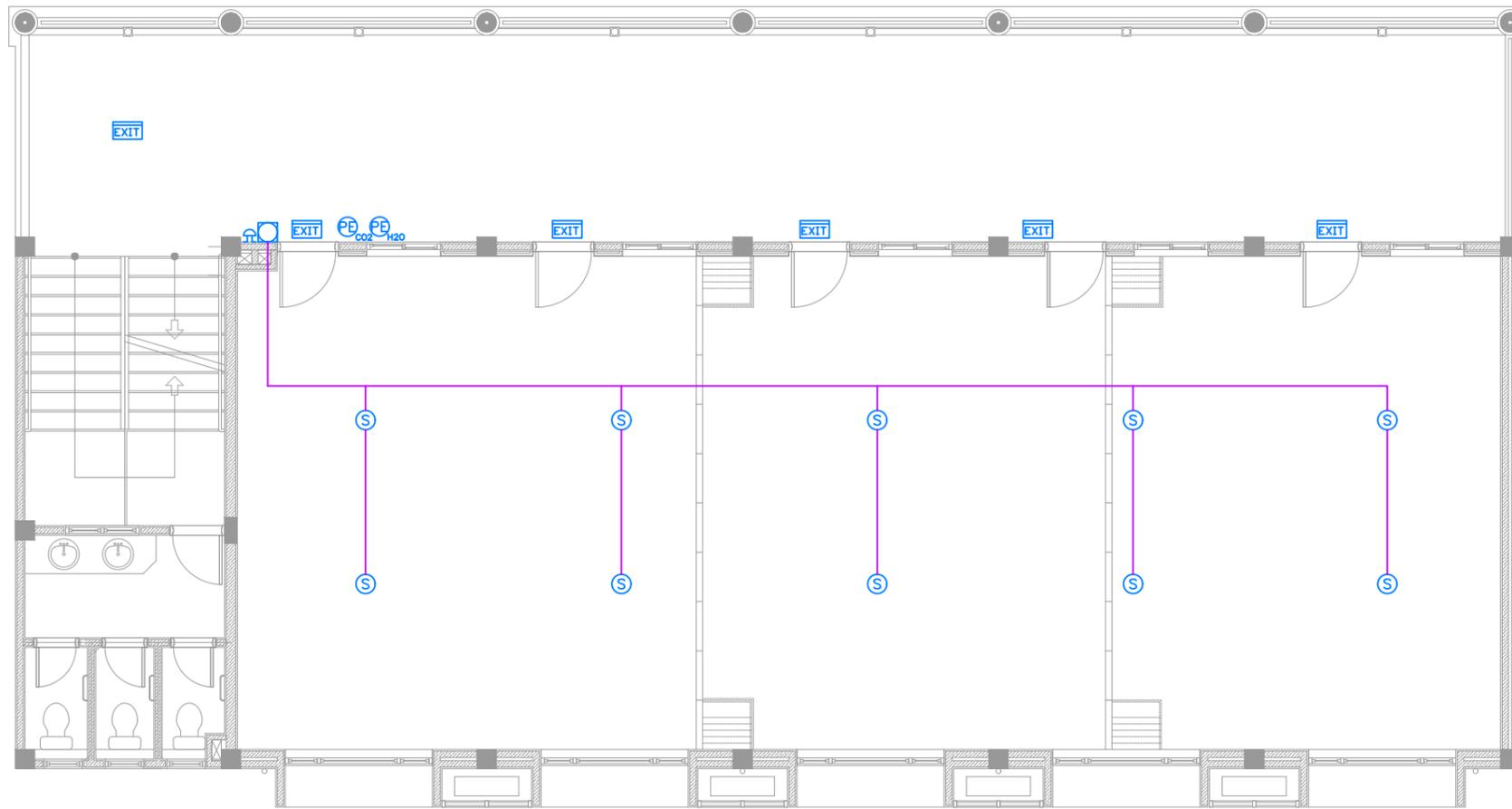
DRAWING NO.

REV.

F-1.02

0.00





1 SECOND FLOOR FIRE FIGHTING SYSTEM LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

LEGEND

SYMBOL	DESCRIPTION
	HOSE REEL (15m LENGTH)
	HOSE REEL (30m LENGTH)
	RESETABLE BREAK GLASS MANUAL CALL POINT
	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM BELL
	JUNCTION BOX
	PORTABLE EXTINGUISHER (H2O)
	PORTABLE EXTINGUISHER (CO2)
	DRY RISER
	WET RISER
	CONVENTIONAL FIRE ALARM PANEL
	FIRE BLANKET
	INLET VALVE, BOX, WIRED GLASS, LABELING ETC
	EMERGENCY LIGHT WITH 2H BACKUP GEAR WALL MOUNT WEATHER PROOF
	FIRE RESISTANT CABLE

NOTE

- *ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUIT.
- *ALL PORTABLE FIRE EXTINGUISHERS SHALL BE ENCLOSED IN A LOCKABLE CABINET.

GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE



Charter Engineering Company Private Limited
 Second floor, M.Biminee, Male', Maldives
 Email: charter.enrg@gmail.com, Mob: +(960) 782-9969

PHASE:

- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- DESIGN APPROVAL
- CONSTRUCTION DOCUMENTATION
- AS-BUILT DRAWINGS

PROJECT:

ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: FIRE FIGHTING SYSTEM

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

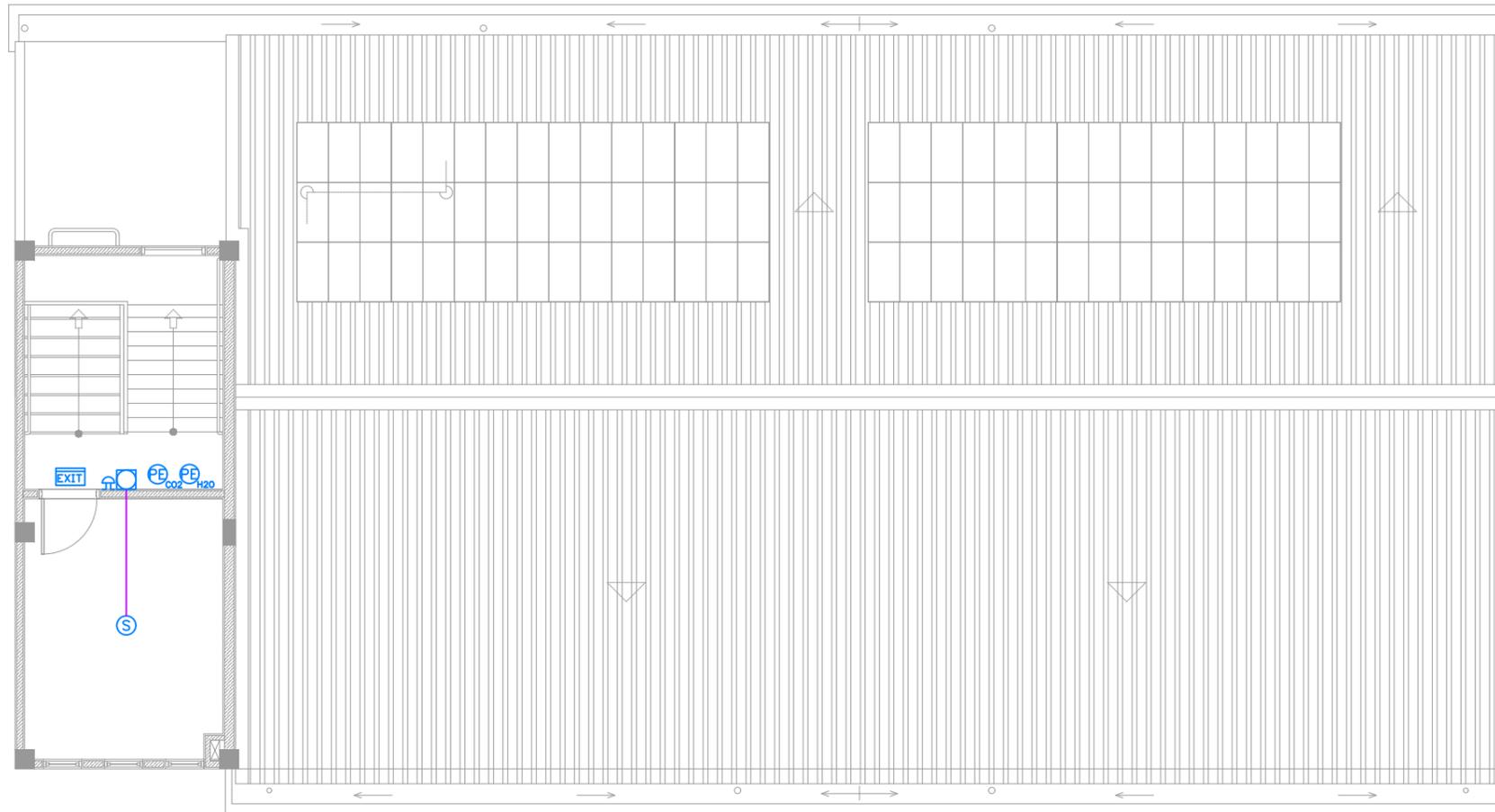
DATE: Jan 21 SCALE: 1:100 SHEET SIZE: A3

DRAWING NO. REV.

F-1.03

0.00





1 2F HALF-LANDING FIRE FIGHTING SYSTEM LAYOUT
 REF. XX-00 SCALE : 1:100 (A3)

GENERAL NOTES:

- All dimensions shall be verified on site before proceeding with work.
- In case of any confusion in the structural elements, the measurements given in the structural drawings has to be followed.
- DO NOT SCALE DRAWINGS. Work to figured dimensions.
- All the dimensions given in mm, unless specified otherwise.

KEY PLAN:

REV.	DESCRIPTION	DATE

LEGEND

SYMBOL	DESCRIPTION
	HOSE REEL (15m LENGTH)
	HOSE REEL (30m LENGTH)
	RESETABLE BREAK GLASS MANUAL CALL POINT
	SMOKE DETECTOR
	HEAT DETECTOR
	FIRE ALARM BELL
	JUNCTION BOX
	PORTABLE EXTINGUISHER (H2O)
	PORTABLE EXTINGUISHER (CO2)
	DRY RISER
	WET RISER
	CONVENTIONAL FIRE ALARM PANEL
	FIRE BLANKET
	INLET VALVE, BOX, WIRED GLASS, LABELING ETC
	EMERGENCY LIGHT WITH 2H BACKUP GEAR WALL MOUNT WEATHER PROOF
	FIRE RESISTANT CABLE

NOTE

- *ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUIT.
- *ALL PORTABLE FIRE EXTINGUISHERS SHALL BE ENCLOSED IN A LOCKABLE CABINET.



Charter Engineering Company Private Limited
 Second floor, M.Biminee, Male', Maldives
 Email: charter.enrg@gmail.com, Mob: +(960) 782-9969

PHASE:

- CONCEPTUAL DESIGN
- DESIGN DEVELOPMENT
- DESIGN APPROVAL
- CONSTRUCTION DOCUMENTATION
- AS-BUILT DRAWINGS

PROJECT:

ARCHITECTURAL DRAWINGS AND PREPARATION OF BILL OF QUANTITIES FOR THE PROPOSED MNU THINADHOO CAMPUS CLASSROOM BLOCK

CLIENT: MALDIVES NATIONAL UNIVERSITY

LOCATION: GDH.THINADHOO

DISCIPLINE: FIRE FIGHTING SYSTEM

DRAWN BY: ISMAIL

DESIGNED BY:

CHECKED BY: CEC

DATE: Jan 21 SCALE: 1:100 SHEET SIZE: A3

DRAWING NO. REV.

F-1.04

0.00

